








PTO-1449 REPRODUCED				ATTORNEY DOCKET NO. 1855.2007-010		APPLICATION NO.	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION December 12, 2003 (Use several sheets if necessary)				APPLICANT Lee R. Brettman et al.			
				FILING DATE		GROUP	
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
B3	AA	5,932,214	03-AUG-99	Lobb et al.	424	144.1	
	AB	5,871,734	16-FEB-99	Lobb et al.	424	144.1	
	AC	5,888,507	30-MAR-99	Burkly	424	130.1	
	AD	5,840,299	24-NOV-98	Bendig et al.	424	133.1	
	AE	5,538,724	23-JUL-96	Butcher et al.	424	152.1	
	AF	5,403,919	04-APR-95	Butcher	530	388.22	
	AG	4,816,397	28-MAR-89	Boss et al.	435	68	
	AH	5,225,539	06-JUL-93	Winter	530	387.3	
	AI	5,624,821	29-APR-97	Winter et al.	435	69.6	
	AJ	5,585,089	17-DEC-96	Queen et al.	424	133.1	
	AK	5,821,337	13-OCT-98	Carter et al.	530	387.3	
	AA2	5,859,205	12-JAN-99	Adair et al.	530	387.3	
	AB2	4,816,567	28-MAR-89	Cabilly et al.	530	387	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
B3	AL	WO 93/15764	19-AUG-93	PCT			
	AM	WO 94/17828	18-AUG-94	PCT			
	AN	WO 97/18838	29-MAY-97	PCT			
	AO	WO 90/07321	12-JUL-90	PCT			
	AP	WO 94/16094	21-JUL-94	PCT			
	AQ	WO 95/19790	27-JUL-95	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
B3	AR	Pulido, R. et al., "Functional Evidence for Three Distinct and Independently Inhibitable Adhesion Activities Mediated by the Human Integrin VLA-4," <i>The Journal of Biological Chemistry</i> , 266(16):10241-10245 (1991).					
	AS	Katz, J.A., "Medical and Surgical Management of Severe Colitis," <i>Seminars in Gastrointestinal Disease</i> , 11(1):18-32 (2000).					
	AT	Sachar, D.B., "How to do Without Steroids in Inflammatory Bowel Disease," <i>Inflammatory Bowel Diseases</i> , 6(1):58 (2000).					
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EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
13/	AC2	5,834,021	10-NOV-1998	Spiers	424	490	
1	AD2	6,015,662	18-JAN-2000	Hackett, Jr. et al.	435	5	
1	AE2	6,551,593	22-APR-2003	Ringler et al.	424	143.1	
FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO		
13/ AL2	JP 6303990	01-NOV-94	Japan			X	
AM2	EP 0303463 B1	15-FEB-89	EPO				
AN2	WO 94/13312	23-JUN-94	PCT				
AO2	WO 94/29351	22-DEC-94	PCT				
AP2	WO 91/09967	11-JUL-91	PCT				
AQ2	WO 88/07089	22-SEP-88	PCT				
13/ AL3	WO 98/06248	19-FEB-1998	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
13/ AU	Present, D.H., "How to do Without Steroids in Inflammatory Bowel Disease," <i>Inflammatory Bowel Diseases</i> , 6(1):48-57 (2000).						
AV	Vasiliauskas, E.A., "An Open-Label Pilot Study of Low-Dose Thalidomide in Chronically Active, Steroid-Dependent Crohn's Disease," <i>Gastroenterology</i> , 117:1278-1287 (1999).						
AW	Tromm, A. et al., "Oral Mesalazine for the Treatment of Crohn's Disease: Clinical Efficacy with Respect to Pharmacokinetic Properties," <i>Hepato-Gastroenterology</i> , 46:3124-3135 (1999).						
AX	Katz, S., "Update in Medical Therapy in Inflammatory Bowel Disease: A Clinician's View," <i>Digestive Diseases</i> , 17:163-171 (1999).						
AY	Lang, K.A. and Peppercorn, M.A., "Promising New Agents for the Treatment of Inflammatory Bowel Disorders," <i>Drugs R&D</i> , 1(3):237-244 (1999).						
AZ	Rutgeerts, P.J., "Review Article: Efficacy of Infliximab in Crohn's Disease-Induction and Maintenance of Remission," <i>Aliment Pharmacol. Ther.</i> , 13(Suppl. 4):9-15 (1999).						
13/ AR2	Rutgeerts, P.J and Targan, S.R., "Summary," <i>Aliment Pharmacol. Ther.</i> , 13(Suppl. 4):38 (1999).						
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√k)	AS2	Podolsky, D.K. et al., "Attenuation of Colitis in the Cotton-top Tamarin by Anti- α 4 Integrin Monoclonal Antibody," <i>J. Clin. Invest.</i> , 92:372-380 (1993).	
	AT2	Yacyshyn, B.R. et al., "Crohn's Disease, Ulcerative Colitis, and Normal Intestinal Lymphocytes Express Integrins in Dissimilar Patterns," <i>Gastroenterology</i> , 107:1364-1371 (1994).	
	AU2	Salmi, M. et al., "Aberrant Binding of Lamina Propria Lymphocytes to Vascular Endothelium in Inflammatory Bowel Diseases," <i>Gastroenterology</i> , 106:596-605 (1994).	
	AV2	Hynes, R.O., "Integrins: Versatility, Modulation, and Signaling in Cell Adhesion," <i>Cell</i> , 69:11-25 (1992).	
	AW2	Springer, T.A., "Traffic Signals for Lymphocyte Recirculation and Leukocyte Emigration: The Multistep Paradigm," <i>Cell</i> , 76:301-314 (1994).	
	AX2	Berlin, C. et al., " α 4 Integrins Mediate Lymphocyte Attachment and Rolling Under Physiologic Flow," <i>Cell</i> , 80:413-422 (1995).	
	AY2	Hamann, A. et al., "Role of α 4-Integrins in Lymphocyte Homing to Mucosal Tissues In Vivo," <i>J. of Immunology</i> , 152:3282-3293 (1994).	
	AZ2	Lazarovits, A.I. et al., "Lymphocyte Activation Antigens," <i>J. of Immunology</i> , 133(4):1857-1862 (1984).	
	AR3	Berlin, C. et al., " α 4 β 7 Integrin Mediates Lymphocyte Binding to the Mucosal Vascular Addressin MAdCAM-1," <i>Cell</i> , 74:185-195 (1993).	
	AS3	Andrew, D.P. et al., "Distinct but Overlapping Epitopes Are Involved in α 4 β 7-Mediated Adhesion to Vascular Cell Adhesion Molecule-1, Mucosal Addressin-1, Fibronectin, and Lymphocyte Aggregation," <i>J. of Immunology</i> , 153:3847-3861 (1994).	
	AT3	Lazarovits, A.I. and Karsh J., "Differential Expression in Rheumatoid Synovium and Synovial Fluid of α 4 β 7 Integrin," <i>J. of Immunology</i> , 151:6482-6489 (1993).	
	AU3	Pals, S.T. et al., "Expression of the Mucosal Homing Receptor α 4 β 7 in Malignant Lymphomatous Polyposis of the Intestine," <i>Gastroenterology</i> , 107:1519-1523 (1994).	
	AV3	Schweighoffer, T. et al., "Selective Expression of Integrin α 4 β 7 on a Subset of Human CD4 ⁺ Memory T Cells with Hallmarks of Gut-Trophism ¹ ," <i>J. of Immunology</i> , 151(2):717-729 (1993).	
✓	AW3	Postigo, A.A. et al., " α 4 β 7 Integrin Mediates B Cell Binding to Fibronectin and Vascular Cell Adhesion Molecule-1," <i>J. of Immunology</i> , 151(5):2471-2483 (1993).	
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✓	AX3	Erle, D.J. et al., "Expression and Function of the MAdCAM-1 Receptor, Integrin $\alpha 4 \beta 7$, on Human Leukocytes", <i>J. of Immunology</i> , 153:517-528 (1994).	
/	AY3	Tiisala, S. et al., " $\alpha _g \beta$, and $\alpha _4 \beta$, Integrins Associated with Intraepithelial and Mucosal Homing, are Expressed on Macrophages*," <i>Eur. J. Immunol.</i> , 25:411-417 (1995).	
	AZ3	Wan, H.C. et al., "Expression of $\alpha 4 \beta 7$ Integrin on Eosinophils and Modulation of $\alpha 4$ -Integrin-Mediated Eosinophil Adhesion Via CD4," <i>Int. Arch Allergy Immunol.</i> , 107:343-344 (1995).	
	AR4	Teague, T.K. et al., "Integrin $\alpha 4 \beta 7$ Co-Stimulation of Human Peripheral Blood T Cell Proliferation," <i>Cell Adhesion and Communication</i> , 2:539-547 (1994).	
	AS4	Briskin, M.J. et al., "MAdCAM-1 has Homology to Immunoglobulin and Mucin-Like Adhesion Receptors and to IgA1," <i>Nature</i> , 363:461-464 (1993).	
	AT4	Yang, Y. et al., "Construction and Adhesive Properties of a Soluble MAdCAM-1-Fc Chimera Expressed in a Baculovirus System: Phylogenetic Conservation of Receptor-Ligand Interaction," <i>Scand. J. Immunol.</i> , 42:235-247 (1995).	
	AU4	Briskin, M.J. et al., "Structural Requirements for Mucosal Vascular Addressin Binding to Its Lymphocyte Receptor $\alpha 4 \beta 7$," <i>J. of Immunology</i> , 156:719-726 (1996).	
	AV4	Berg, E.L. et al., "L-Selectin-Mediated Lymphocyte Rolling on MAdCAM-1," <i>Nature</i> , 366:695-698 (1993).	
	AW4	Salmi, M. et al., "Dual Binding Capacity of Mucosal Immunoblasts to Mucosal and Synovial Endothelium in Humans: Dissection of the Molecular Mechanisms," <i>J. Exp. Med.</i> , 181:137-149 (1995).	
	AX4	Bednarczyk, J.L. et al., "Identification of a Combinatorial Epitope Expressed by the Integrin $\alpha 4 \beta 1$ Heterodimer Involved in the Regulation of Cell Adhesion," <i>J. of Biological Chemistry</i> , 269(11):8348-8354 (1994).	
	AY4	Podolsky, D.K., "Inflammatory Bowel Disease," <i>The New England Journal of Medicine</i> , 325(13):928-937 (1991).	
	AZ4	Tidswell, M. et al., "Structure-Function Analysis of the Integrin β , Subunit Identification of Domains Involved in Adhesion to MAdCAM-1 ^{1,2} , <i>The Journal of Immunology</i> , 159:1497-1505 (1997).	
	AR5	Podolsky, D.K., "Inflammatory Bowel Disease," <i>The New England Journal of Medicine</i> , 325(14):1008-1016 (1991).	
✓	AS5	Gordon, F.H. et al., "Treatment of Active Ulcerative Colitis with a Recombinant Humanised Antibody to $\alpha 4$ Integrin (Antegren™)," <i>Gastroenterology</i> , 116(4) Part 2:A726 (1999).	
EXAMINER		DATE CONSIDERED	
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PTO-1009 REPRODUCED		ATTORNEY DOCKET NO. 1855.2007-010	APPLICATION NO.
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	AT5	Gordon, F.H. et al., "Randomised Double-Blind Placebo-Controlled Trial of Recombinant Humanised Antibody to $\alpha 4$ Integrin (Antegren™) in Active Crohn's Disease," <i>Gastroenterology</i> , 116(4) Part 2:A726 (1999).	
	AU5	Lin Ko-Chung et al., "Very Late Antigen 4 (VLA4) Antagonists as Anti-Inflammatory Agents," <i>Current Opinion in Chemical Biology</i> , 2(4):453-457 (1998).	
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